

# VOLVO

## 2001-09 S60

### PRECAUTIONS

**Warning:** Batteries produce explosive hydrogen gas. Do not allow open flames, burning materials, or sparks near the battery.

**Warning:** Batteries contain sulfuric acid. Avoid contact with skin, eyes or clothing. Wear safety goggles when working near the battery to protect against possible splashing of the acid solution.

**Warning:** If acid is swallowed, rinse the mouth with plenty of water and then drink plenty of water or milk. Do not induce vomiting. Seek immediate medical attention.

**Warning:** When charging the battery, protect face and wear safety goggles. Ensure adequate ventilation.

**Warning:** In principle, all batteries can cause serious injury if they are short-circuited by, for example, jewelry or metal tools.

**Warning:** The Supplemental Restraint System (SRS) is active for a certain length of time after the power supply has been disconnected. Wait for a minimum of 3 minutes before disconnecting or removing any SRS components.

**Warning:** When switching the ignition on for the first time after a battery disconnect and connect, stand outside the vehicle and reach into the vehicle, keeping clear of the air bags operating areas.

**Caution:** Boost charging with excessive current or voltage above 16 volts will damage the battery.

### BATTERY

#### With Large Cover

##### REMOVAL

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.

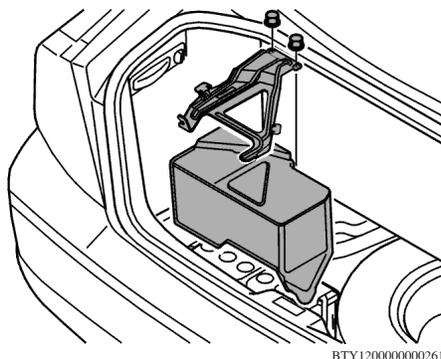


Fig. 1 Battery cover removal

4. Remove floor hatch.
5. Remove hold down bracket mounting nuts, **Fig. 1**.
6. Remove hold down bracket, **Fig. 1**.
7. Remove battery cover, **Fig. 1**.
8. Remove battery drain hose from battery, **Fig. 2**.
9. Loosen ground battery cable clamp, and remove ground cable, **Fig. 2**.
10. Loosen positive cable clamp, and remove positive cable.
11. Remove battery hold down mounting bolt, **Fig. 2**.
12. Remove battery hold down, **Fig. 2**.
13. Remove battery from luggage compartment.

##### INSTALLATION

1. Set battery into position.
2. Install battery hold down bracket, and **torque** bolt to 17 ft. lbs.
3. Install positive battery cable, and **torque** clamps to 22 inch lbs.
4. Connect battery drain hose.
5. Install battery cover.
6. Install battery hold down cover and tighten nuts.
7. Install floor hatch.
8. Reset all preset and theft codes previously recorded to radio.
9. Completely open and close all power windows.

10. Inspect any affected system or component such as clock, comfort adjustment, or compass for proper settings, and adjust as required.

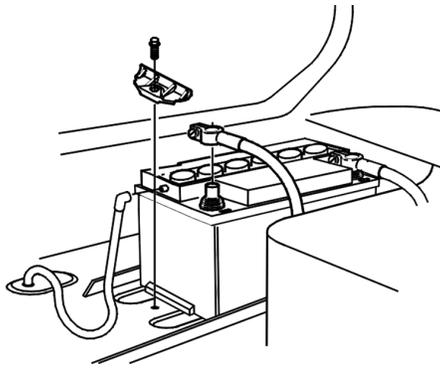
#### With Small Cover

##### REMOVAL

1. Record radio anti-theft code and station presets.
2. Turn off all lamps and accessories.
3. Turn ignition switch to OFF position.
4. Fold up floor hatch.
5. Remove hold down mounting nut (1) remove hole down rear crossmember mounting nut, **Fig. 3**.
6. Remove battery hold down.
7. Bend up terminal cover (3), **Fig. 3**.
8. Remove battery drain hose from battery, **Fig. 2**.
9. Loosen ground battery cable clamp, and remove ground cable, **Fig. 2**.
10. Loosen positive cable clamp, and remove positive cable.
11. Remove battery hold down mounting bolt, **Fig. 2**.
12. Remove battery hold down, **Fig. 2**.
13. Remove battery from luggage compartment.

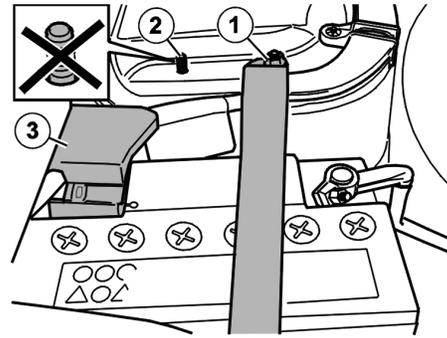
##### INSTALLATION

1. Set battery into position.
2. Install battery hold down bracket, and **torque** bolt to 17 ft. lbs.
3. Install positive battery cable, and **torque** clamps to 22 inch lbs.
4. Connect battery drain hose.
5. Position terminal cover into place.
6. Position hold down, install and tighten mounting nuts, **Fig. 3**.
7. Reposition floor hatch.
8. Reset all preset and theft codes previously recorded to radio.
9. Completely open and close all power windows.
10. Inspect any affected system or component such as clock, comfort adjustment, or compass for proper settings, and adjust as required.



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**Fig. 2 Battery removal**



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**Fig. 3 Battery hold down removal**

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